

Asst. Prof. ŐEYDA ERDOĐAN

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoloji (Dr), Turkey
2009 - 2016

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 2007 - 2009

Undergraduate, Mersin University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 2002 - 2007

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Impacts of eutrophication and climate change on phytoplankton community structure, size diversity, and phytoplankton based ecological status, Middle East Technical University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 2016

Postgraduate, Echinops viscosus ve Echinops mersinensis türlerinin antioksidan ve antimikrobiyal aktivitelerinin araştırılması, Erciyes University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2009

Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Biyoloji, 2017 - Continues

Research Assistant, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Biyoloji, 2016 - 2017

Research Assistant, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoloji (Dr),
2009 - 2016

Courses

Hayvan Ekolojisi, Undergraduate, 2019 - 2020

Bitki Ekolojisi, Undergraduate, 2017 - 2018

Hidrobiyoloji, Undergraduate, 2017 - 2018

Genel Biyoloji, Undergraduate, 2017 - 2018

Ekoloji, Undergraduate, 2017 - 2018

Advising Theses

ERDOĞAN Ş., Yozgat atık su arıtma tesisinin mikroplastik tutma kapasitesinin belirlenmesi, Postgraduate, H.ALTUĞ(Student), 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Microplastic pollution and ecological risk assessment of a pond ecosystem**
Caner S., Günay D., Ari H., Erdoğan Ş.
Environmental Monitoring and Assessment, vol.196, pp.0-13, 2024 (SCI-Expanded)
- II. **Fish Size Structure as an Indicator of Fish Diversity: A Study of 40 Lakes in Türkiye**
Boll T., ERDOĞAN Ş., Aslan Bıçkı Ü., Filiz N., Özen A., Levi E. E., Brucet S., Jeppesen E., BEKLİOĞLU M.
Water (Switzerland), vol.15, no.12, 2023 (SCI-Expanded)
- III. **Assessment of heavy metal pollution with different indices in Süreyyabey dam lake in Turkey**
ERDOĞAN Ş., Kankılıç G. B., Seyfe M., Tavşanoğlu Ü. N., AKIN Ş.
Chemistry and Ecology, vol.39, no.2, pp.153-172, 2023 (SCI-Expanded)
- IV. **Wastewater Treatment Plants as a Point Source of Plastic Pollution**
Altug H., ERDOĞAN Ş.
WATER AIR AND SOIL POLLUTION, vol.233, no.12, 2022 (SCI-Expanded)
- V. **Determinants of phytoplankton size structure in warm, shallow lakes**
ERDOĞAN Ş., BEKLİOĞLU M., Litchman E., Miller E. T., Levi E. E., Bucak T., Tavsanoglu U. N.
JOURNAL OF PLANKTON RESEARCH, vol.43, no.3, pp.353-366, 2021 (SCI-Expanded)
- VI. **Microplastics in a dam lake in Turkey: type, mesh size effect, and bacterial biofilm communities**
Tavsanoglu U. N., Basaran Kankilic G., AKCA G., ÇIRAK T., ERDOĞAN Ş.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.36, pp.45688-45698, 2020 (SCI-Expanded)
- VII. **Influences of climate and nutrient enrichment on the multiple trophic levels of Turkish shallow lakes**
BEKLİOĞLU M., Bucak T., Levi E. E., Erdogan Ş., Ozen A., Filiz N., Bezirci G., Cakiroglu A. I., Tavsanoglu U. N., GÖKÇE D., et al.
INLAND WATERS, vol.10, no.2, pp.173-185, 2020 (SCI-Expanded)
- VIII. **Future water availability in the largest freshwater Mediterranean lake is at great risk as evidenced from simulations with the SWAT model**
Bucak T., Trolle D., Andersen H. E., Thodsen H., Erdogan Ş., Levi E. E., Filiz N., Jeppesen E., BEKLİOĞLU M.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.581, pp.413-425, 2017 (SCI-Expanded)
- IX. **Restoration of Eutrophic Lakes with Fluctuating Water Levels: A 20-Year Monitoring Study of Two Inter-Connected Lakes**
BEKLİOĞLU M., Bucak T., Coppens J., Bezirci G., Tavsanoglu U. N., Cakiroglu A. I., Levi E. E., Erdogan Ş., Filiz N., ÖZKAN K., et al.
WATER, vol.9, no.2, 2017 (SCI-Expanded)
- X. **Inferring past environmental changes in three Turkish lakes from sub-fossil Cladocera**
Cakiroglu A. I., Levi E. E., Tavsanoglu U. N., Bezirci G., Erdogan Ş., Filiz N., Andersen T. J., Davidson T. A., Jeppesen E., BEKLİOĞLU M.
HYDROBIOLOGIA, vol.778, no.1, pp.295-312, 2016 (SCI-Expanded)
- XI. **The influence of nutrient loading, climate and water depth on nitrogen and phosphorus loss in shallow lakes: a pan-European mesocosm experiment**
Coppens J., Hejzlar J., Sorf M., Jeppesen E., Erdogan A., Scharfenberger U., Mahdy A., Noges P., Tuvikene A., Baho D. L., et al.
HYDROBIOLOGIA, vol.778, no.1, pp.13-32, 2016 (SCI-Expanded)
- XII. **Impact of alternating wet and dry periods on long-term seasonal phosphorus and nitrogen budgets of two shallow Mediterranean lakes**
Coppens J., ÖZEN A., Tavsanoglu U. N., Erdogan Ş., Levi E. E., YOZGATLIGİL C., Jeppesen E., BEKLİOĞLU M.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.563, pp.456-467, 2016 (SCI-Expanded)

- XIII. **Temperature effects on body size of freshwater crustacean zooplankton from Greenland to the tropics**
Havens K. E., Pinto-Coelho R. M., BEKLİOĞLU M., Christoffersen K. S., Jeppesen E., Lauridsen T. L., Mazumder A., Methot G., Alloul B. P., Tavsanoğlu U. N., et al.
HYDROBIOLOGIA, vol.743, no.1, pp.27-35, 2015 (SCI-Expanded)
- XIV. **Sediments, not plants, offer the preferred refuge for Daphnia against fish predation in Mediterranean shallow lakes: an experimental demonstration**
Tavsanoğlu U. N., Cakiroğlu A. I., Erdogan Ş., Meerhoff M., Jeppesen E., BEKLİOĞLU M.
FRESHWATER BIOLOGY, vol.57, no.4, pp.795-802, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of Some Physicochemical Parameters of Cevdet Dünder Pond (Yozgat/Turkey) Based on Bathymetric Map and Field Measurements**
ERDOĞAN Ş., ÖZEN A., AKIN Ş., EDİŞ S.
Journal of the Institute of Science and Technology, vol.10, no.2, pp.808-818, 2020 (Peer-Reviewed Journal)
- II. **Microplastic pollution in freshwater ecosystems: A case study from Turkey**
ERDOĞAN Ş.
SU URUNLERI DERGISI, vol.37, no.3, pp.213-221, 2020 (ESCI)

Books & Book Chapters

- I. **Biyolojik Değişkenler: Fitoplankton**
Ongun Sevindik T., Erdoğan Ş.
in: Tatlısu Ekosistemlerinde Arazi ve Laboratuvar Yöntemleri, Ülkü Nihan Tavşanoğlu, Gökben Başaran Kankılıç, Şeyda Erdoğan, Editor, Nobel Yayın Dağıtım, Ankara, pp.103-126, 2020
- II. **Fiziksel Özellikler**
ERDOĞAN Ş., AYDIN H.
in: Tatlısu Ekosistemlerinde Arazi ve Laboratuvar Yöntemleri, Ülkü Nihan Tavşanoğlu, Gökben Başaran Kankılıç, Şeyda Erdoğan, Editor, Nobel Yayınevi, Ankara, pp.15-34, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Yamula Barajı Mikroplastik Kirlilik Seviyesinin Belirlenmesi**
Ceylan L., Erdoğan Ş., Arı H.
6. Ulusal Çevre Kongresi, Adana, Turkey, 14 - 15 December 2021, pp.24-25
- II. **Microplastic Removal Efficiency of Wastewater Treatment Plants: A case study from Yozgat, Turkey**
altuğ h., ERDOĞAN Ş.
Ekoloji ve evrim sempozyumu, 17 July 2019
- III. **Do changes in climate and land use pose a risk to the future water availability of Mediterranean Lakes**
Bucak T., Trolle D., Andersen H. E., Thodsen H., ERDOĞAN Ş., Eti Ester L., Filiz N., BEKLİOĞLU M., Jeppesen E.
American Geophysical Union, 12 - 16 December 2016
- IV. **How does climate change affect the response of cyanobacteria to nutrients**
Carvalho L., Thackeray S., Adrian R., Anneville O., BEKLİOĞLU M., Cromie H., ERDOĞAN Ş., Jarvinen M., Maberly S., McElarney Y., et al.
International Society of Limnology, 31 July - 05 August 2016
- V. **Restoration of eutrophication in drought stricken lakes in mediterranean climatic region a system of**

heavily eutrophic and relatively control lakes

BEKLİOĞLU M., ERDOĞAN Ş., Özen A., Tavşanoğlu N., Coppens J., Levi E., Buck T., Bezirci G., Çakiroğlu I., Filiz N.
International Society of Limnology, 31 July - 05 August 2016

Supported Projects

ERDOĞAN Ş., AKIN Ş., Project Supported by Higher Education Institutions, Süreyya Bey Baraj Gölü ve Yakın Havzasının Su ve Sediment Örneklerinde Ağır Metal Birikiminin Belirlenmesi, 2018 - Continues

ERDOĞAN Ş., ARI H., CEYLAN L., Project Supported by Higher Education Institutions, Yamula Barajı Su ve Balık Örneklerinde Mikroplastik Kirliliği Seviyesinin Belirlenmesi, 2021 - 2023

ERDOĞAN Ş., Project Supported by Higher Education Institutions, Yozgat Atık Su Arıtma Tesisinin Mikroplastik Tutma Kapasitesinin Belirlenmesi, 2019 - 2020

ERDOĞAN Ş., Project Supported by Higher Education Institutions, Yozgat Çamlık Milli Parkı Göleti'nin Fitoplankton Çeşitliliği ve Su Kalitesinin Belirlenmesi, 2018 - 2020

Scientific Refereeing

ENVIRONMENTAL POLLUTION, Journal Indexed in SCI-E, September 2021

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, Journal Indexed in SCI-E, June 2021

DESALINATION AND WATER TREATMENT, Journal Indexed in SCI-E, December 2019

Metrics

Publication: 23

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H-Index (Scopus): 7